

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E40592

**Employer :** Snohomish County Government

**Worksite :** Snohomish County

**Street :** 3000 Rockefeller Ave

**Jurisdiction :** City of Everett

**Survey Date :** 11/10/2014

**Survey Type :** Paper

**Response Rate :** 76%

### Drive Alone & One-Way VMT Rates at this Worksite

**Drive Alone :** 71.8%

**One-Way VMT per employee :** 11.3

### Employees and Survey Response Information

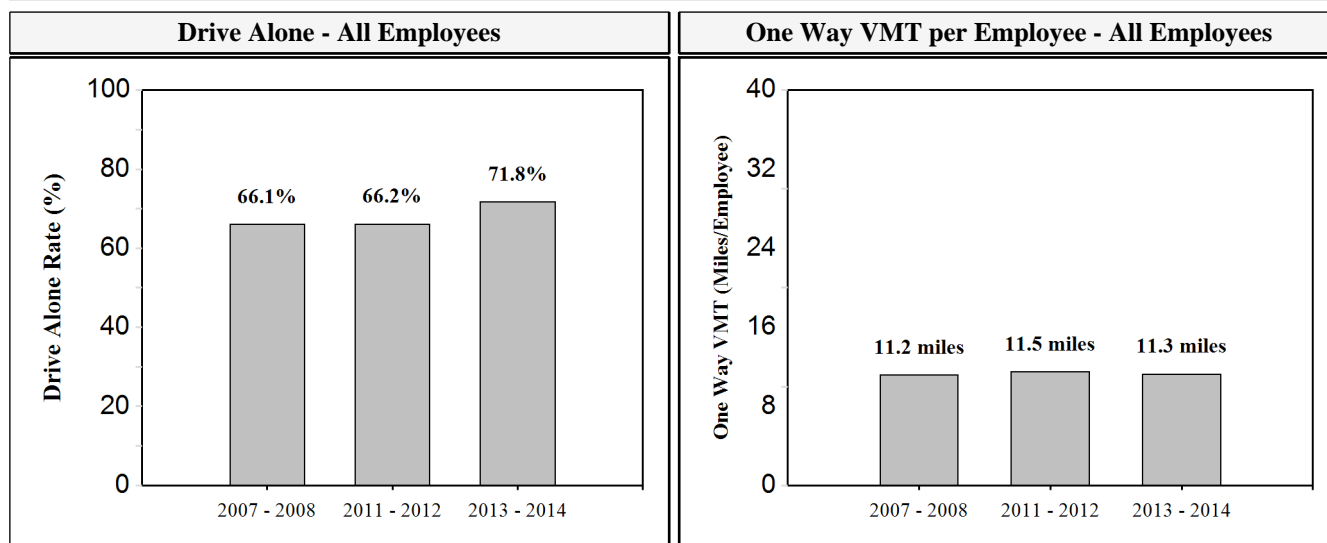
**Reported Total Employees at Worksite:** 1,375

**Surveys Distributed :** 1,375

**Surveys Returned :** 1,040

**Surveys Returned by CTR Affected Employees :** 995

**Total Estimated CTR - Affected Employees at Worksite :** 1,316



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	66.1%	65.5%	11.2	11.0
2009 - 2010	64.5%	64.1%	10.7	10.7
2011 - 2012	66.2%	65.7%	11.5	11.5
2013 - 2014	71.8%	71.4%	11.3	11.2
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	8.6%	9.0%	0.9%	1.8%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2013 - 2014
Drive Alone - All Employees*	66.1%	66.2%	71.8%
Drive Alone - CTR Affected Employees*	65.5%	65.7%	71.4%
VMT/Employee - All Employees	11.2	11.5	11.3
VMT/Employees - CTR Affected Employees	11.0	11.5	11.2

\* Drive alone rate includes one person motorcycles.

**Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.**

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	2,942	2,459	2,430
Estimated Emissions for Total Employment	4,384	3,346	3,213

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	964,860	1,500,755	912,392
Bus Annual Passenger Miles - Surveyed Employees	647,500	1,102,900	690,100
Ferry Annual Passenger Miles - Estimated for Total Employment	0	58,784	47,728
Ferry Annual Passenger Miles - Surveyed Employees	0	43,200	36,100
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	1,192	1,225	6,478
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	800	900	4,900

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

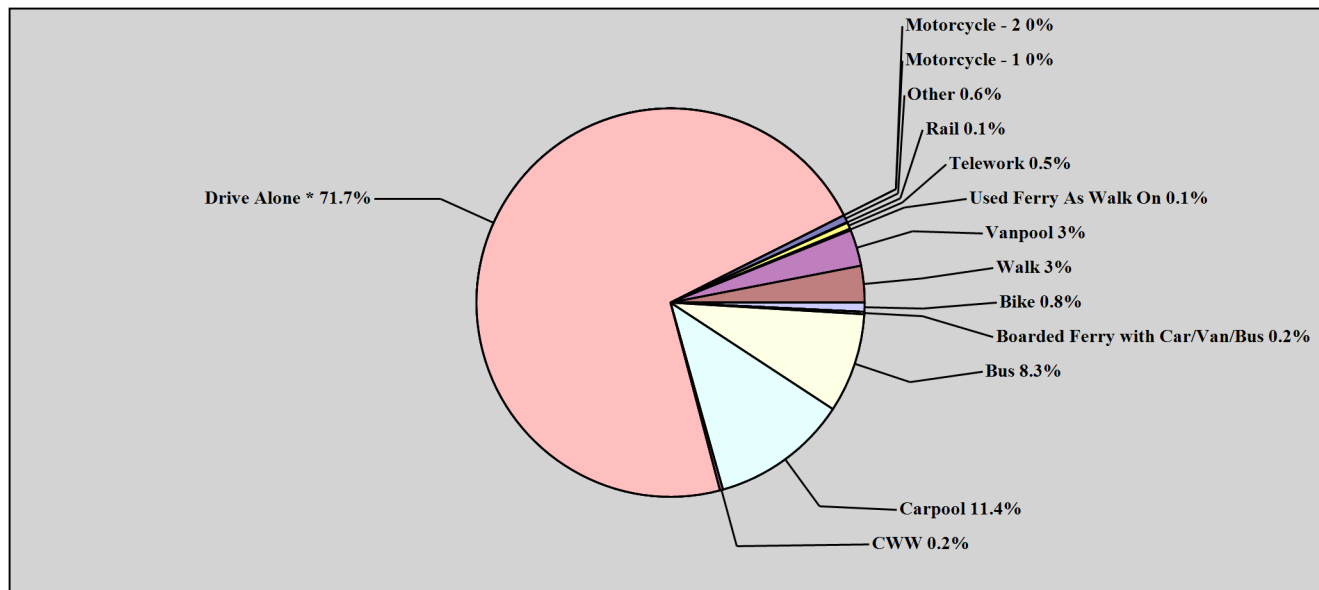
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 17.1 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



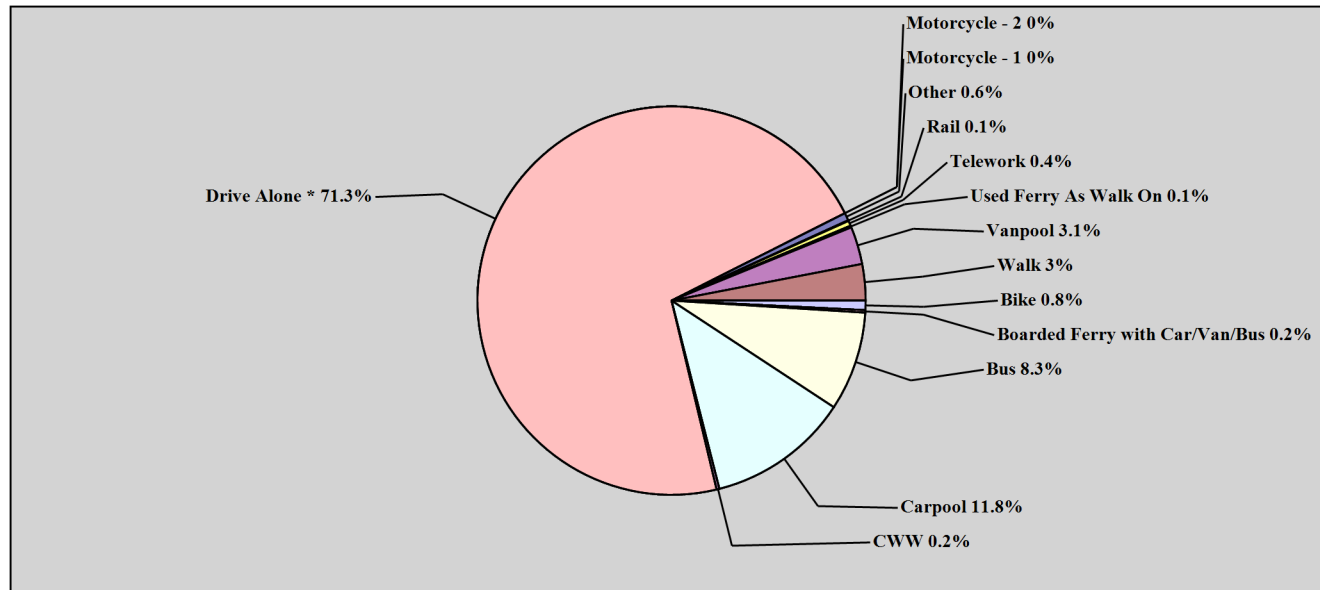
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,506	71.7%	66.0%	819	79.1%	75.3%
Carpool	558	11.4%	13.0%	146	14.1%	16.5%
Vanpool	148	3.0%	3.2%	35	3.4%	3.7%
Motorcycle - 1	0	0.0%	0.1%	0	0.0%	0.3%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	405	8.3%	11.8%	125	12.1%	15.1%
Rail	3	0.1%	0.1%	3	0.3%	0.2%
Bike	37	0.8%	0.5%	11	1.1%	1.0%
Walk	149	3.0%	2.9%	38	3.7%	3.4%
Telework	26	0.5%	0.5%	20	1.9%	2.2%
CWW	12	0.2%	0.4%	12	1.2%	1.7%
Boarded Ferry with Car/Van/Bus	10	0.2%	0.1%	2	0.2%	0.5%
Used Ferry As Walk On	7	0.1%	0.3%	2	0.2%	0.4%
Other	30	0.6%	1.0%	15	1.4%	1.5%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,369	71.3%	65.5%	783	78.7%	74.8%
Carpool	557	11.8%	13.3%	145	14.6%	17.0%
Vanpool	148	3.1%	3.3%	35	3.5%	3.8%
Motorcycle - 1	0	0.0%	0.1%	0	0.0%	0.2%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	390	8.3%	11.9%	121	12.2%	15.2%
Rail	3	0.1%	0.1%	3	0.3%	0.2%
Bike	37	0.8%	0.4%	11	1.1%	0.9%
Walk	143	3.0%	3.0%	36	3.6%	3.6%
Telework	20	0.4%	0.4%	17	1.7%	1.9%
CWW	11	0.2%	0.4%	11	1.1%	1.7%
Boarded Ferry with Car/Van/Bus	10	0.2%	0.1%	2	0.2%	0.5%
Used Ferry As Walk On	7	0.1%	0.3%	2	0.2%	0.4%
Other	30	0.6%	1.0%	15	1.5%	1.4%

\* Drive alone mode includes fill-in, where applicable.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	674	65%	1,040	100%
1 Days	50	5%	366	35%
2 Days	28	3%	316	30%
3 Days	52	5%	288	28%
4 Days	63	6%	236	23%
5 Days	169	16%	173	17%
6 or More Days	4	0%	4	0%

### Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	540	58.6%	82	8.9%	67	7.3%	115	12.5%	0	0%	33	3.6%	36	3.9%	3	0.3%	263	28.5%
4 days a week (4/10s)	2	2.7%	48	65.8%	11	15.1%	3	4.1%	0	0%	0	0%	3	4.1%	0	0%	17	23.3%
3 days a week	0	0%	5	62.5%	1	12.5%	0	0%	0	0%	0	0%	0	0%	0	0%	1	12.5%
9 days in 2 weeks (9/80)	3	30%	4	40%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%	2	20%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	2	10.5%	8	42.1%	1	5.3%	1	5.3%	0	0%	0	0%	0	0%	0	0%	4	21.1%

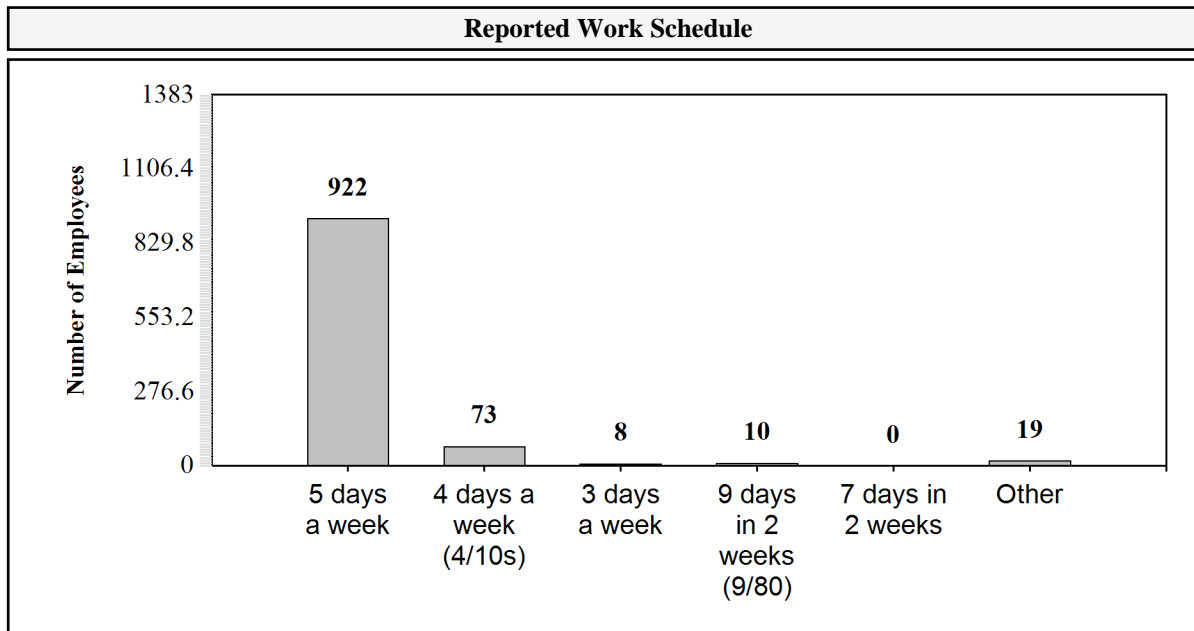
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	20
2	Motorcycle	0
2	Carpool	32
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	526
<5	Vanpool	18
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	75
11	Vanpool	36
12	Vanpool	19
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

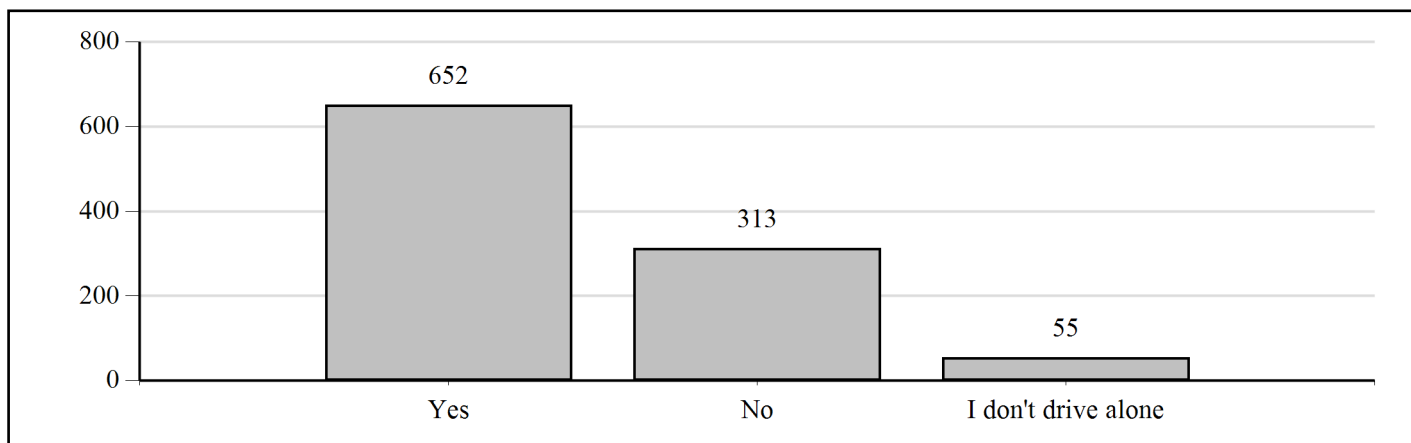
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	922	89.3%
4 days a week (4/10s)	73	7.1%
3 days a week	8	0.8%
9 days in 2 weeks (9/80)	10	1%
7 days in 2 weeks	0	0%
Other	19	1.8%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	5	0.5%
I don't telework	894	86.4%
Occasionally, on an as-needed basis	104	10.0%
1-2 days/month	13	1.3%
1 day/week	12	1.2%
2 days/week	5	0.5%
3 days/week	2	0.2%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	336	19.2%
Free or subsidized bus, train, vanpool pass or fare benefit	269	15.4%
Cost of parking or lack of parking	227	13.0%
Financial incentives for carpooling, bicycling or walking.	187	10.7%
Environmental and community benefits	169	9.6%
Personal health or well-being	145	8.3%
Other	128	7.3%
To save time using the HOV lane	71	4.1%
I have the option of teleworking	62	3.5%
Driving myself is not an option	61	3.5%
Emergency ride home is provided	48	2.7%
Preferred/reserved carpool/vanpool parking is provided	39	2.2%
I receive a financial incentive for giving up my parking space	10	0.6%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	610	25.4%
Riding the bus or train is inconvenient or takes too long	603	25.1%
Family care or similar obligations	449	18.7%
Other	291	12.1%
My commute distance is too short	185	7.7%
My job requires me to use my car for work	137	5.7%
Bicycling or walking isn't safe	95	4.0%
I need more information on alternative modes	29	1.2%
There isn't any secure or covered bicycle parking	6	0.2%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	16	8	0	3	0	0	6	0	4	2
2	10	4	0	7	0	0	5	0	4	4
3	5	4	0	1	0	0	6	0	1	1
4	4	9	0	2	0	0	7	0	1	3
5	5	10	0	1	0	0	8	0	3	1
6	10	4	0	1	0	0	3	0	1	7
7	0	0	0	0	0	0	0	0	0	0
8	3	4	0	0	0	0	1	0	1	1
9	1	0	0	0	0	0	0	0	0	0
10	16	13	0	1	0	0	2	0	7	5
11 or more	3	0	0	0	0	0	1	0	0	2
# Of Employees using Transit	73	56	0	16	0	0	39	0	22	26
Total One-Way Transit Trips Per Week	391	300	0	49	0	0	160	0	118	153

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	16	7	0	3	0	0	6	0	4	2
2	10	4	0	7	0	0	5	0	4	4
3	5	4	0	1	0	0	6	0	1	1
4	3	8	0	2	0	0	6	0	1	3
5	5	10	0	1	0	0	8	0	3	1
6	10	4	0	1	0	0	3	0	1	7
7	0	0	0	0	0	0	0	0	0	0
8	3	4	0	0	0	0	1	0	1	1
9	1	0	0	0	0	0	0	0	0	0
10	15	13	0	1	0	0	2	0	7	5
11 or more	3	0	0	0	0	0	1	0	0	2
# Of Employees using Transit	71	54	0	16	0	0	38	0	22	26
Total One-Way Transit Trips Per Week	377	295	0	49	0	0	156	0	118	153

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98006	2	0.19%	6	0	0	0	0	0	0	0	0	0	0	0	0
98008	3	0.29%	15	0	0	0	0	0	0	0	0	0	0	0	0
98011	4	0.39%	20	0	0	0	0	0	0	0	0	0	0	0	0
98012	34	3.29%	135	16	0	1	5	0	0	0	2	0	0	0	0
98020	14	1.35%	56	0	0	0	13	0	0	0	0	0	0	0	0
98021	16	1.55%	63	0	0	0	13	0	0	0	0	0	0	0	0
98023	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98026	15	1.45%	58	5	0	0	7	0	0	0	0	1	0	0	0
98027	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	4	0.39%	16	0	0	0	2	0	0	0	0	0	0	0	0
98032	1	0.10%	1	4	0	0	0	0	0	0	0	0	0	0	0
98034	6	0.58%	25	0	0	0	1	0	0	0	0	0	0	0	0
98036	14	1.35%	43	14	0	0	10	0	0	0	0	0	0	0	0
98037	12	1.16%	54	0	0	0	3	0	0	0	0	0	0	0	0
98040	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	5	0.48%	10	0	0	1	12	0	2	0	0	0	0	0	0
98045	2	0.19%	5	3	0	0	2	0	0	0	0	0	0	0	0
98052	2	0.19%	7	3	0	0	0	0	0	0	0	0	0	0	0
98053	2	0.19%	7	0	0	0	0	0	0	0	2	0	0	0	0
98055	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98056	2	0.19%	5	0	0	0	5	0	0	0	0	0	0	0	0
98058	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98077	3	0.29%	15	0	0	0	0	0	0	0	0	0	0	0	0



98087	14	1.35%	59	0	0	0	7	1	0	0	1	0	0	0	0
98101	2	0.19%	0	8	0	0	2	0	0	0	0	0	0	0	0
98102	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98103	7	0.68%	25	0	4	0	1	0	0	0	4	0	0	0	0
98104	1	0.10%	1	0	0	0	4	0	0	0	0	0	0	0	0
98105	6	0.58%	18	3	0	0	7	0	0	0	1	0	0	0	0
98107	4	0.39%	6	4	9	0	0	0	0	0	0	0	0	0	0
98108	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98109	4	0.39%	14	4	0	0	1	0	0	0	0	0	0	0	0
98112	2	0.19%	5	5	0	0	0	0	0	0	0	0	0	0	0
98115	13	1.26%	39	4	19	0	0	0	0	0	2	0	0	0	0
98116	1	0.10%	4	0	0	0	0	0	0	0	1	0	0	0	0
98117	4	0.39%	10	1	7	0	0	0	0	0	0	0	0	0	0
98118	2	0.19%	0	4	5	0	0	0	0	0	0	0	0	0	0
98119	2	0.19%	5	0	4	0	1	0	0	0	0	0	0	0	0
98122	4	0.39%	6	6	0	0	6	0	0	0	0	0	0	0	0
98125	8	0.77%	19	0	3	0	4	0	4	0	0	0	0	0	0
98126	1	0.10%	2	0	0	0	0	0	0	0	1	0	0	0	1
98133	6	0.58%	23	1	0	0	5	0	0	0	0	0	0	0	0
98144	2	0.19%	1	0	3	0	0	0	5	0	0	0	0	0	1
98155	5	0.48%	16	0	5	0	3	0	0	0	0	1	0	0	0
98170	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98177	11	1.06%	38	4	3	0	8	0	0	0	0	0	0	0	0
98198	1	0.10%	2	0	0	0	3	0	0	0	0	0	0	0	0
98201	104	10.05%	242	40	0	0	35	0	23	148	1	0	0	0	1
98203	62	5.99%	201	51	0	0	54	0	0	1	0	0	0	0	1
98204	24	2.32%	91	9	0	5	4	0	0	0	0	0	0	0	7
98208	67	6.47%	263	33	0	1	12	0	0	0	1	0	0	0	5
98221	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98223	75	7.25%	290	43	18	0	14	0	0	0	2	1	0	0	1
98229	2	0.19%	5	0	0	0	3	0	0	0	0	0	0	0	0
98232	1	0.10%	0	0	0	0	4	0	0	0	0	0	0	0	0
98233	2	0.19%	0	0	5	0	3	0	0	0	0	0	0	0	0
98236	9	0.87%	2	0	0	0	16	1	0	0	0	1	5	5	0
98237	1	0.10%	3	0	0	0	0	0	0	0	1	0	0	0	0
98239	1	0.10%	0	0	0	0	0	0	0	0	0	0	5	0	0
98249	2	0.19%	0	0	0	0	5	0	0	0	0	0	0	0	0



98251	1	0.10%	1	0	0	0	3	0	0	0	0	0	0	0	0
98252	9	0.87%	27	0	0	0	14	0	0	0	0	0	0	0	0
98253	2	0.19%	4	0	0	0	1	0	0	0	0	0	0	0	0
98256	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98257	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	98	9.47%	379	58	0	0	21	0	0	0	0	0	0	2	6
98260	3	0.29%	0	0	0	0	12	0	3	0	0	0	0	0	0
98270	79	7.63%	274	89	0	6	3	0	0	0	0	2	0	0	0
98271	31	3.00%	121	14	5	4	8	0	0	0	0	1	0	0	0
98272	26	2.51%	98	17	0	0	9	0	0	0	4	1	0	0	0
98273	11	1.06%	20	0	17	0	16	0	0	0	0	0	0	0	0
98274	5	0.48%	16	0	0	0	6	0	0	0	0	0	0	0	1
98275	29	2.80%	95	30	0	0	6	0	0	0	1	0	0	0	3
98282	13	1.26%	32	25	0	0	4	0	0	0	0	1	0	0	0
98284	6	0.58%	11	0	5	0	10	0	0	0	0	1	0	0	0
98290	45	4.35%	165	23	0	0	13	0	0	0	1	1	0	0	2
98292	39	3.77%	125	20	36	2	0	1	0	0	1	0	0	0	0
98294	7	0.68%	27	0	0	0	4	0	0	0	0	0	0	0	1
98296	20	1.93%	86	12	0	0	0	0	0	0	0	1	0	0	0
99999	4	0.39%	20	0	0	0	0	0	0	0	0	0	0	0	0